What is claimed is:

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- 1 1. A power supply for use in an electrical apparatus having a plurality of operational modes including a normal mode and a standby mode, the power supply comprising:
- a DC power unit for outputting a DC voltage;
- a microcomputer for outputting a mode control signal according to the operational mode of the electrical apparatus;
 - a first power converter, controlled by the mode control signal, for converting the DC voltage output of said DC power unit into at least one operation voltage required for powering a plurality of loads; and
 - a second power converter for supplying said microcomputer with a regulated feedback voltage in the standby mode of the electrical apparatus.
- The power supply as claimed in claim 1, further comprising a switch for controlling an application of the DC voltage output of said DC power unit to said microcomputer through said second power converter, according to the mode of the electrical apparatus.
 - 3. The power supply as claimed in claim 2, wherein the DC voltage output of said DC power unit is applied to said microcomputer through said second power converter in the standby mode of the electrical apparatus.
 - 4. The power supply as claimed in claim 1, further comprising a voltage

2	regulator for outputting a regulated voltage to said microcomputer in the normal mode of the		
3		electrical apparatus.	
1	5.	The power supply as claimed in claim 1, wherein said second power	
2	converter con	nprises a transformer.	
1	6.	The power supply as claimed in claim 5, wherein the transformer has a	
2	tapped output	•	
1	7.	The power supply as claimed in claim 5, wherein said second power	
2	converter comprises at least two power taps.		
1	8.	The power supply as claimed in claim 7, wherein the at least two power taps	
2	of said second power converter are 5V and 12V taps, respectively.		
1	9.	The power supply as claimed in claim 6 6 4	
2	9. The power supply as claimed in claim 6, further comprising a feedback circuit connected between the tapped output and an input of the transformer.		
-	on our connect	the tapped output and an input of the transformer.	
	10.	The power supply as claimed in claim 9, wherein the tapped output is a 5V	
2	tap.		